

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 08/851,965A
Source: 1FW/6
Date Processed by STIC: 5/6/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 05/06/2005

PATENT APPLICATION: US/08/851,965A

TIME: 13:35:51

Input Set : A:\18528412seq1st.txt

Output Set: N:\CRF4\05052005\H851965A.raw

3 <110> APPLICANT: YOUNG, ANDREW A.
 4 GEDULIN, BRONISLAVA
 5 BEYNON, GARETH WYN
 7 <120> TITLE OF INVENTION: METHOD FOR PREVENTING GASTRITIS USING AMYLIN OR AMYLIN
 8 AGONISTS
 10 <130> FILE REFERENCE: 18528.412
 12 <140> CURRENT APPLICATION NUMBER: 08/851,965A
 13 <141> CURRENT FILING DATE: 1997-05-06
 15 <160> NUMBER OF SEQ ID NOS: 39
 17 <170> SOFTWARE: PatentIn Ver. 3.3
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 37
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Artificial Sequence
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 26 protein construct
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
 30 positions 2 and 7
 32 <220> FEATURE:
 33 <221> NAME/KEY: MOD_RES
 34 <222> LOCATION: (37)
 35 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
 37 <400> SEQUENCE: 1
 38 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
 39 1 5 10 15
 41 Val His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val
 42 20 25 30
 44 Gly Ser Asn Thr Tyr
 45 35
 48 <210> SEQ ID NO: 2
 49 <211> LENGTH: 36
 50 <212> TYPE: PRT
 51 <213> ORGANISM: Artificial Sequence
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 55 protein construct
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
 59 positions 1 and 6
 61 <220> FEATURE:
 62 <221> NAME/KEY: MOD_RES

p.6

RAW SEQUENCE LISTING

DATE: 05/06/2005

PATENT APPLICATION: US/08/851,965A

TIME: 13:35:51

Input Set : A:\18528412seq1st.txt

Output Set: N:\CRF4\05052005\H851965A.raw

```

63 <222> LOCATION: (36)
64 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
66 <400> SEQUENCE: 2
67 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
68   1           5           10           15
70 His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val Gly
71           20           25           30
73 Ser Asn Thr Tyr
74           35
77 <210> SEQ ID NO: 3
78 <211> LENGTH: 37
79 <212> TYPE: PRT
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
84   protein construct
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
88   positions 2 and 7
90 <220> FEATURE:
91 <221> NAME/KEY: MOD_RES
92 <222> LOCATION: (37)
93 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
95 <400> SEQUENCE: 3
96 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
97   1           5           10           15
99 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Pro Ser Thr Asn Val
100           20           25           30
102 Gly Ser Asn Thr Tyr
103           35
106 <210> SEQ ID NO: 4
107 <211> LENGTH: 37
108 <212> TYPE: PRT
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
113   protein construct
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
117   positions 2 and 7
119 <220> FEATURE:
120 <221> NAME/KEY: MOD_RES
121 <222> LOCATION: (37)
122 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
124 <400> SEQUENCE: 4
125 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
126   1           5           10           15
128 Val Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val
129           20           25           30

```

RAW SEQUENCE LISTING

DATE: 05/06/2005

PATENT APPLICATION: US/08/851,965A

TIME: 13:35:51

Input Set : A:\18528412seq1st.txt

Output Set: N:\CRF4\05052005\H851965A.raw

```

131 Gly Ser Asn Thr Tyr
132      35
135 <210> SEQ ID NO: 5
136 <211> LENGTH: 36
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
142      protein construct
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
146      positions 1 and 6
148 <220> FEATURE:
149 <221> NAME/KEY: MOD_RES
150 <222> LOCATION: (36)
151 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
153 <400> SEQUENCE: 5
154 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
155   1           5           10           15
157 Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val Gly
158      20           25           30
160 Ser Asn Thr Tyr
161      35
164 <210> SEQ ID NO: 6
165 <211> LENGTH: 37
166 <212> TYPE: PRT
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
171      protein construct
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
175      positions 2 and 7
177 <220> FEATURE:
178 <221> NAME/KEY: MOD_RES
179 <222> LOCATION: (37)
180 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
182 <400> SEQUENCE: 6
183 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
184   1           5           10           15
186 Val His Ser Ser Asn Asn Phe Gly Pro Val Leu Pro Pro Thr Asn Val
187      20           25           30
189 Gly Ser Asn Thr Tyr
190      35
193 <210> SEQ ID NO: 7
194 <211> LENGTH: 37
195 <212> TYPE: PRT
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 05/06/2005

PATENT APPLICATION: US/08/851,965A

TIME: 13:35:51

Input Set : A:\18528412seq1st.txt

Output Set: N:\CRF4\05052005\H851965A.raw

```

199 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
200     protein construct
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
204     positions 2 and 7
206 <220> FEATURE:
207 <221> NAME/KEY: MOD_RES
208 <222> LOCATION: (37)
209 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
211 <400> SEQUENCE: 7
212 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
213   1             5             10             15
215 Val Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val
216           20             25             30
218 Gly Ser Asn Thr Tyr
219           35
222 <210> SEQ ID NO: 8
223 <211> LENGTH: 36
224 <212> TYPE: PRT
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
229     protein construct
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
233     positions 1 and 6
235 <220> FEATURE:
236 <221> NAME/KEY: MOD_RES
237 <222> LOCATION: (36)
238 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
240 <400> SEQUENCE: 8
241 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
242   1             5             10             15
244 Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val Gly
245           20             25             30
247 Ser Asn Thr Tyr
248           35
251 <210> SEQ ID NO: 9
252 <211> LENGTH: 36
253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
258     protein construct
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
262     positions 1 and 6
264 <220> FEATURE:
265 <221> NAME/KEY: MOD_RES

```

RAW SEQUENCE LISTING

DATE: 05/06/2005

PATENT APPLICATION: US/08/851,965A

TIME: 13:35:51

Input Set : A:\18528412seq1st.txt

Output Set: N:\CRF4\05052005\H851965A.raw

```

266 <222> LOCATION: (36)
267 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
269 <400> SEQUENCE: 9
270 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
271   1           5           10           15
273 His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val Gly
274           20           25           30
276 Ser Asn Thr Tyr
277           35
280 <210> SEQ ID NO: 10
281 <211> LENGTH: 37
282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
287     protein construct
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
291     positions 2 and 7
293 <220> FEATURE:
294 <221> NAME/KEY: MOD_RES
295 <222> LOCATION: (37)
296 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
298 <400> SEQUENCE: 10
299 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
300   1           5           10           15
302 Val His Ser Ser Asn Asn Leu Gly Pro Val Leu Pro Pro Thr Asn Val
303           20           25           30
305 Gly Ser Asn Thr Tyr
306           35
309 <210> SEQ ID NO: 11
310 <211> LENGTH: 37
311 <212> TYPE: PRT
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
316     protein construct
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
320     positions 2 and 7
322 <220> FEATURE:
323 <221> NAME/KEY: MOD_RES
324 <222> LOCATION: (37)
325 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
327 <400> SEQUENCE: 11
328 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
329   1           5           10           15
331 Val His Ser Ser Asn Asn Leu Gly Pro Val Leu Pro Ser Thr Asn Val
332           20           25           30

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/08/851,965A

DATE: 05/06/2005
TIME: 13:35:52

Input Set : A:\18528412seq1st.txt
Output Set: N:\CRF4\05052005\H851965A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:36; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,26,29,31

Seq#:37; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,26,28,31

Seq#:38; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,25,26,31

Seq#:39; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,26,31

VERIFICATION SUMMARY

DATE: 05/06/2005

PATENT APPLICATION: US/08/851,965A

TIME: 13:35:52

Input Set : A:\18528412seq1st.txt

Output Set: N:\CRF4\05052005\H851965A.raw

L:1105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
M:341 Repeated in SeqNo=36
L:1194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
M:341 Repeated in SeqNo=37
L:1283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
M:341 Repeated in SeqNo=38
L:1367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
M:341 Repeated in SeqNo=39